RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/643.434A
Source:	1FW16
Date Processed by STIC:	8/15/05

ENTERED



IFW16

RAW SEQUENCE LISTING DATE: 08/15/2005
PATENT APPLICATION: US/10/643,434A TIME: 08:23:48

Input Set : A:\00786.366003.seqlist.txt
Output Set: N:\CRF4\08152005\J643434A.raw

3 <110> APPLICANT: Sheen, Jen Kovtun, Yelena Chiu, Wan-Ling 7 <120> TITLE OF INVENTION: Transgenic Plants Expressing a MAPKKK Protein Kinase Domain 9 <130> FILE REFERENCE: 00786/366003 11 <140> CURRENT APPLICATION NUMBER: 10/643,434A C--> 12 <141> CURRENT FILING DATE: 2003-09-19 14 <150> PRIOR APPLICATION NUMBER: 09/371,338 15 <151> PRIOR FILING DATE: 1999-08-10 17 <150> PRIOR APPLICATION NUMBER: 60/095,938 18 <151> PRIOR FILING DATE: 1998-08-10 20 <160> NUMBER OF SEQ ID NOS: 24 22 <170> SOFTWARE: PatentIn version 3.3 24 <210> SEQ ID NO: 1 25 <211> LENGTH: 21 26 <212> TYPE: DNA 27 <213> ORGANISM: Artificial Sequence 29 <220> FEATURE: 30 <223> OTHER INFORMATION: Oligonucleotide Primer 32 <400> SEQUENCE: 1 21 33 ttgtctccca aagggagaca a 36 <210> SEO ID NO: 2 37 <211> LENGTH: 21 38 <212> TYPE: DNA 39 <213> ORGANISM: Artificial Sequence 41 <220> FEATURE: 42 <223> OTHER INFORMATION: Oligonucleotide Primer 44 <400> SEQUENCE: 2 45 ttgtctccca aagggagata a 21 48 <210> SEQ ID NO: 3 49 <211> LENGTH: 27 50 <212> TYPE: DNA 51 <213> ORGANISM: Artificial Sequence 53 <220> FEATURE: 54 <223> OTHER INFORMATION: Oligonucleotide Primer 56 <400> SEQUENCE: 3 57 tctcgccgtc atgcaggttc tgattgc 27 60 <210> SEQ ID NO: 4 61 <211> LENGTH: 29 62 <212> TYPE: DNA 63 <213> ORGANISM: Artificial Sequence 65 <220> FEATURE: 66 <223> OTHER INFORMATION: Oligonucleotide Primer

Input Set : A:\00786.366003.seqlist.txt
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140 145 150 155 160												
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Input Set: A:\00786.366003.seqlist.txt
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164					245					250					255	
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168				260	,				265					270		
171	Tyr	Lys	Glu	Val	Ala	Ala	Ile	Phe	Phe	Ile	Gly	Thr	Thr	Lys	Ser	His
172			275					280					285			
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183	Leu	Lys	His	Pro	Phe	Val	Met	Gly	Lys	His	Lys	Glu	Ser	Ala	Ser	Thr
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207	Asp	Gly	Glu	Met	Ser	Ser	Thr	Leu	Glu	Lys	Asp	Cys	His	Leu	Lys	Lys
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220	465					470					475					480
223	Lys	Ile	Lys	Ala	Phe	Leu	Asp	Glu	Lys	Ala	Ala	Asp	Leu	Lys	Lys	Leu
224					485					490					495	
227	Gln	Thr	Pro	Leu	Tyr	Glu	Glu	Phe	Tyr	Asn	Ser	Leu	Ile	Thr	Phe	Ser
228				500					505					510		
231	Pro	Ser	Cys	Met	Glu	Ser	Asn	Leu	Ser	Asn	Ser	Lys	Arg	Glu	Asp	Thr
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Output Set: N:\CRF4\08152005\J643434A.raw

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Input Set : A:\00786.366003.seqlist.txt
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	Tyr Thr Ar	_	eu Leu	Leu	_	Leu	Glu	Tyr	Leu		Asn	His	Ala	
386	11!		T]-	T	120	77-	7	T3 -	7	125	7	3	T	
	Ile Met His	s arg A	sp iie	_	GIY	АГА	Asn	тте		vaı	Asp	Asn	гÀг	
390	130	. T T	חות יים	135	Dho	a1	ח ד ה	C 0 ==	140	~1 ~	17a 7	. ד ת	C1	
	Gly Cys Ile	а пар п	150	Asp	Pne	Gry	нια	155	гур	GIII	val	Ата	160	
	Leu Ala Th	r Mot T		λla	Larc	Car	Mot		Glv	Thr	Dro	Тъгъ		•
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	Met Ala Pro			Len	Gln	Thr		His	Ser	Phe	Ser		Asp	
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410	210			215					220					
413	Thr Thr Lys	s Ser H	is Pro	Pro	Ile	Pro	Asp	Thr	Leu	Ser	Ser	Asp	Ala	
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/643,434A

DATE: 08/15/2005

TIME: 08:23:49

Input Set : A:\00786.366003.seqlist.txt
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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date